

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
 Data File : BP024523.D
 Acq On : 05 May 2025 13:18
 Operator : RC/JU
 Sample : PB167836BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167836BL

Quant Time: May 05 13:51:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	168020	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	650487	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	387013	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	786775	20.000	ng	0.00
76) Chrysene-d12	21.580	240	892152	20.000	ng	-0.01
86) Perylene-d12	24.921	264	1026296	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1449087	142.602	ng	-0.01
7) Phenol-d6	6.899	99	1754054	126.061	ng	-0.01
23) Nitrobenzene-d5	8.858	82	1075772	94.301	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	919841	171.787	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2508320	99.235	ng	-0.01
79) Terphenyl-d14	19.857	244	4391825	99.224	ng	-0.02

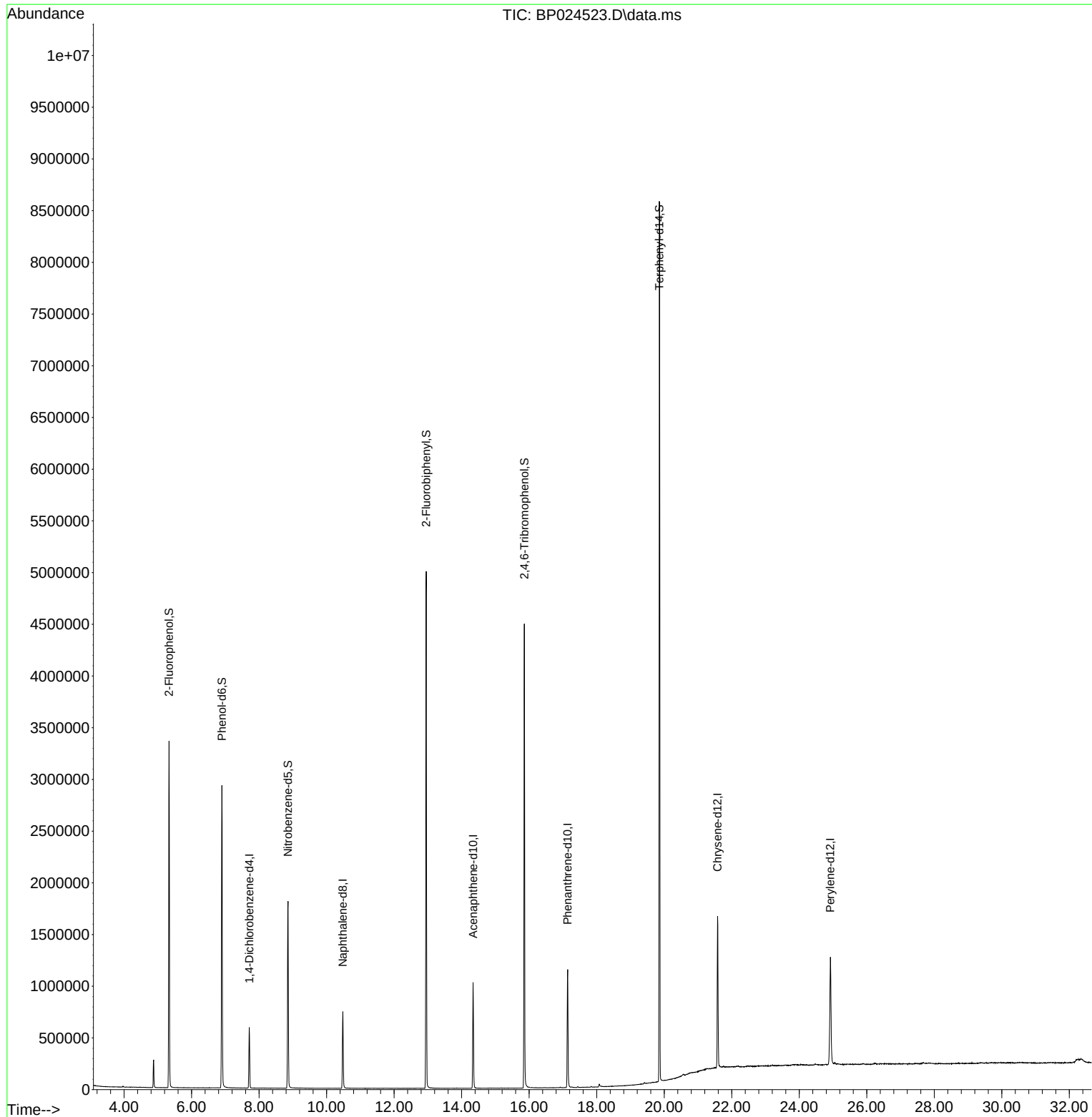
Target Compounds	Qvalue

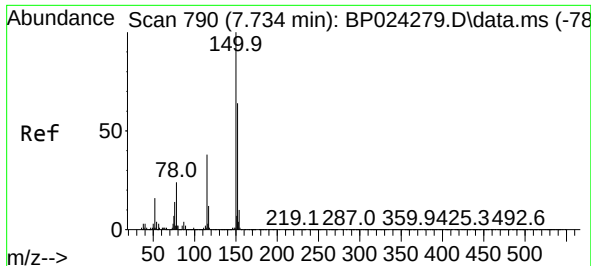
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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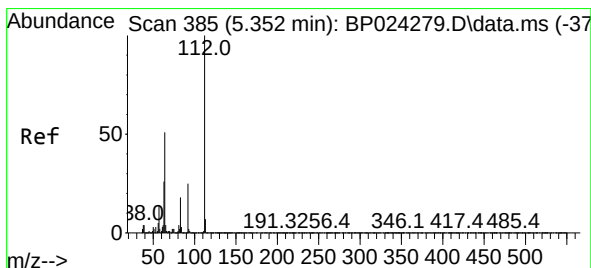
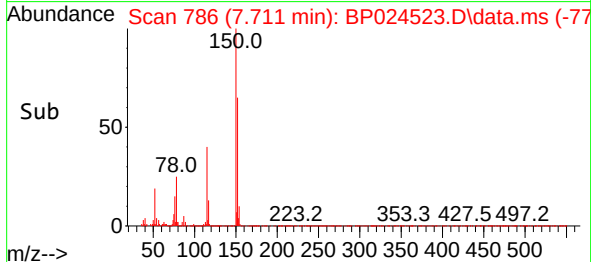
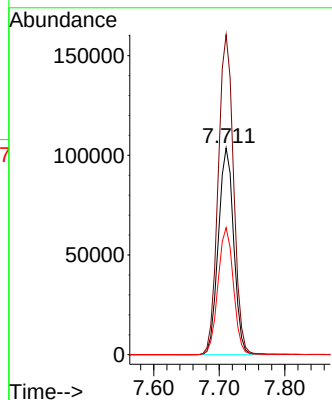
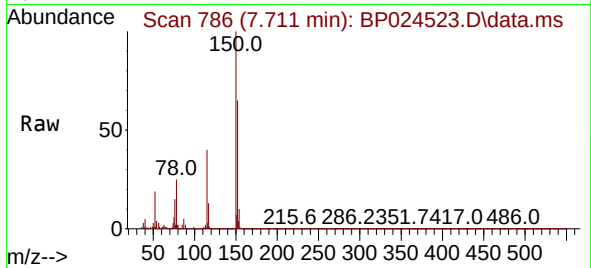




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.711 min Scan# 71
Delta R.T. -0.011 min
Lab File: BP024523.D
Acq: 05 May 2025 13:18

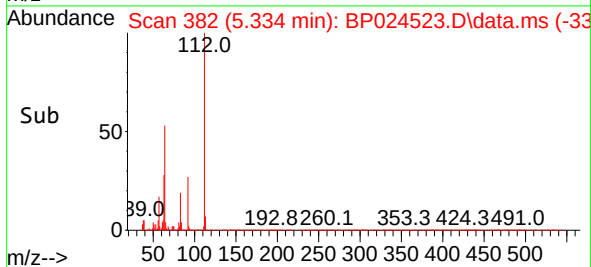
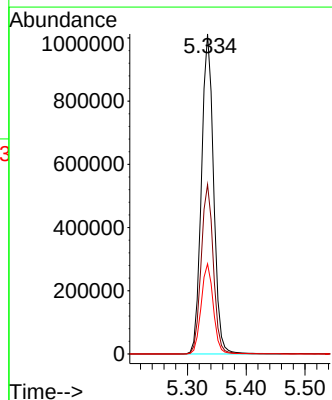
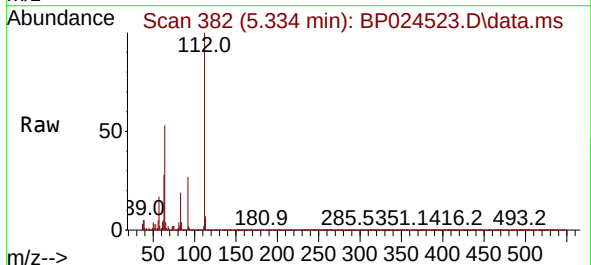
Instrument :
BNA_P
ClientSampleId :
PB167836BL

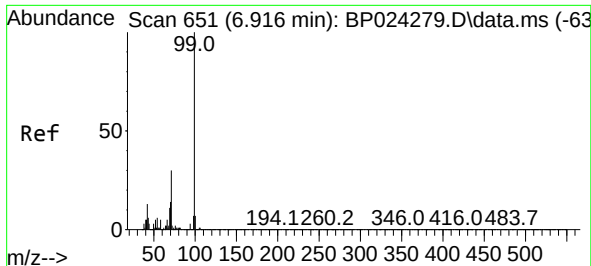
Tgt Ion:152 Resp: 168020
Ion Ratio Lower Upper
152 100
150 154.8 124.9 187.3
115 61.5 47.7 71.5



#5
2-Fluorophenol
Concen: 142.602 ng
RT: 5.334 min Scan# 382
Delta R.T. -0.012 min
Lab File: BP024523.D
Acq: 05 May 2025 13:18

Tgt Ion:112 Resp: 1449087
Ion Ratio Lower Upper
112 100
64 52.9 41.1 61.7
63 28.2 20.6 30.8

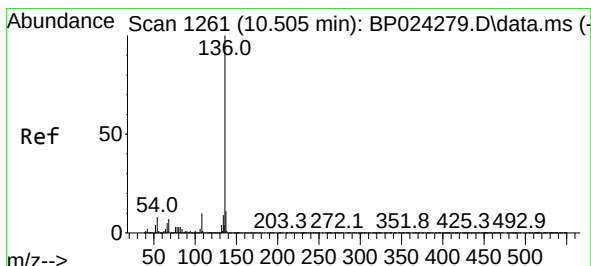
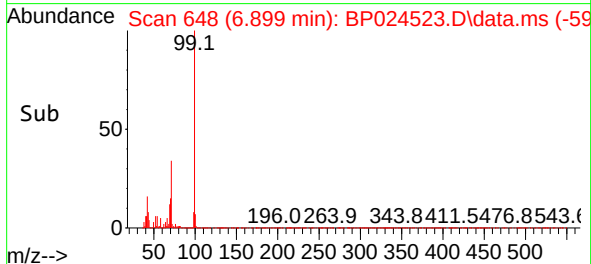
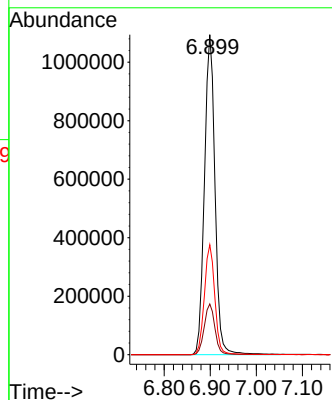
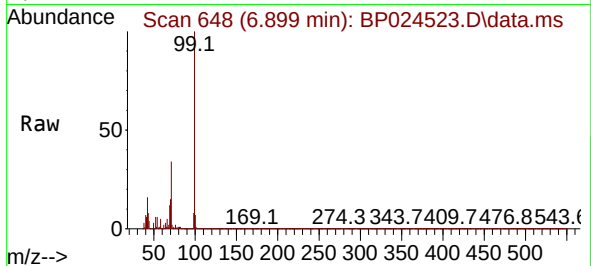




#7
Phenol-d6
Concen: 126.061 ng
RT: 6.899 min Scan# 64
Delta R.T. -0.012 min
Lab File: BP024523.D
Acq: 05 May 2025 13:18

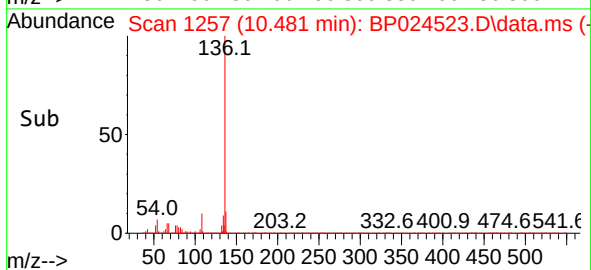
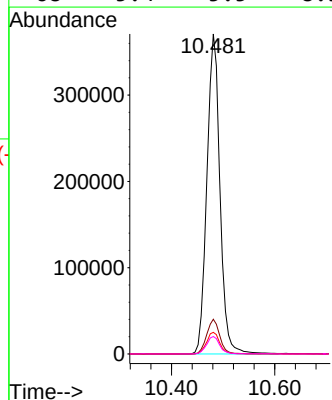
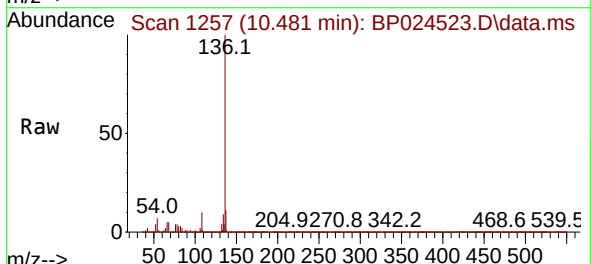
Instrument :
BNA_P
ClientSampleId :
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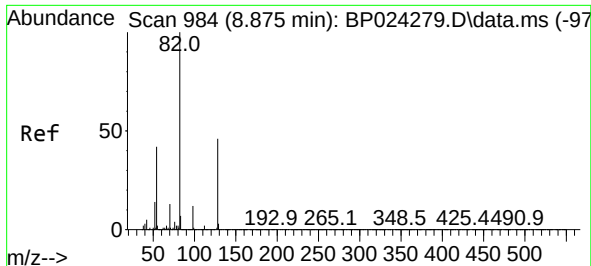
Tgt Ion: 99 Resp: 1754054
Ion Ratio Lower Upper
99 100
42 15.8 10.6 16.0
71 34.3 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.018 min
Lab File: BP024523.D
Acq: 05 May 2025 13:18

Tgt Ion:136 Resp: 650487
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 6.8 6.0 9.0
68 5.4 5.5 8.3#

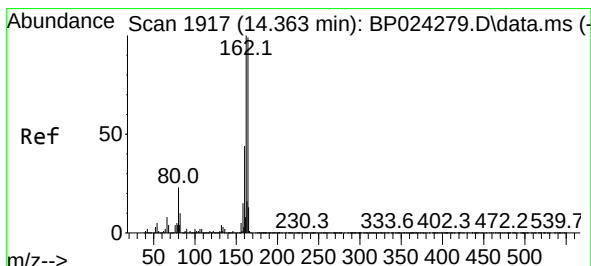
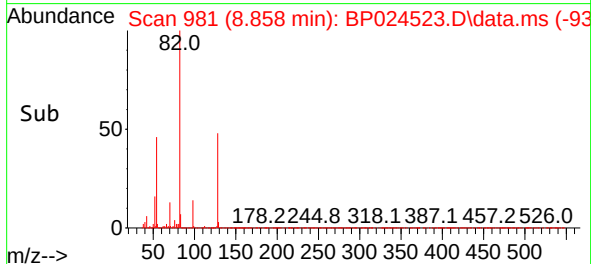
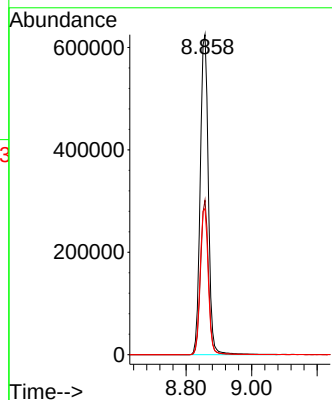
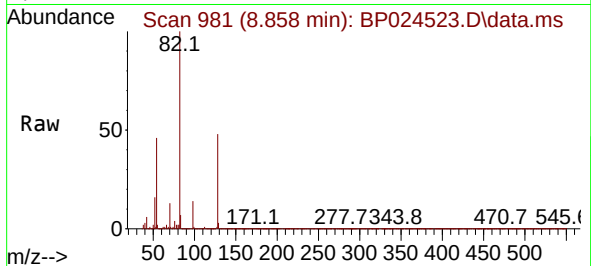




#23
Nitrobenzene-d5
Concen: 94.301 ng
RT: 8.858 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP024523.D
Acq: 05 May 2025 13:18

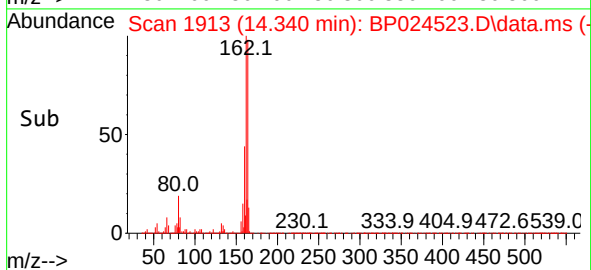
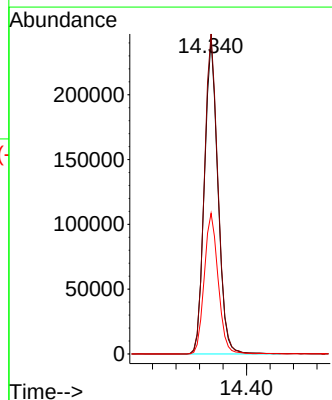
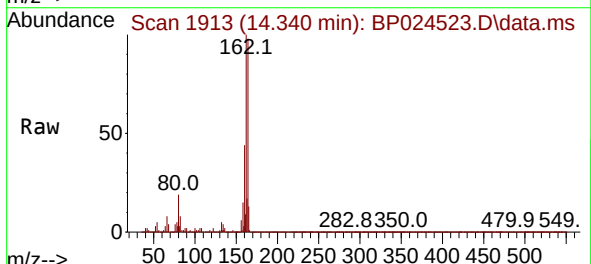
Instrument :
BNA_P
ClientSampleId :
PB167836BL

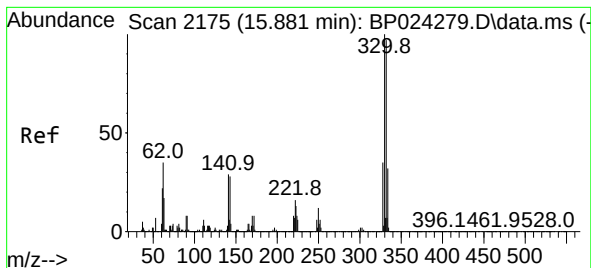
Tgt Ion: 82 Resp: 1075772
Ion Ratio Lower Upper
82 100
128 48.3 36.5 54.7
54 45.6 33.4 50.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.012 min
Lab File: BP024523.D
Acq: 05 May 2025 13:18

Tgt Ion:164 Resp: 387013
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 44.7 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 171.787 ng

RT: 15.857 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024523.D

Acq: 05 May 2025 13:18

Instrument :

BNA_P

ClientSampleId :

PB167836BL

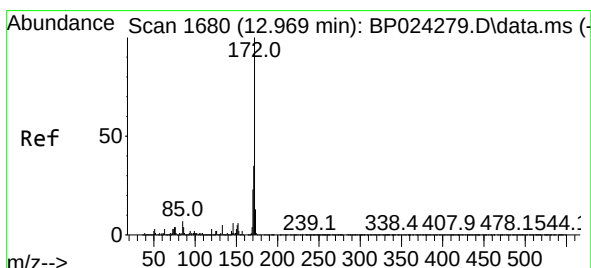
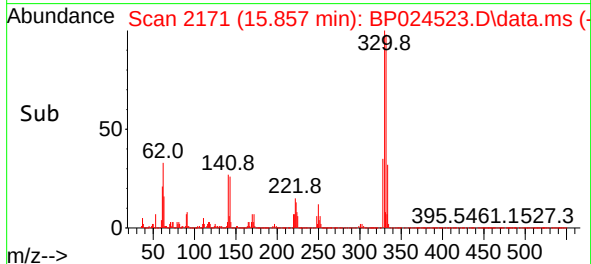
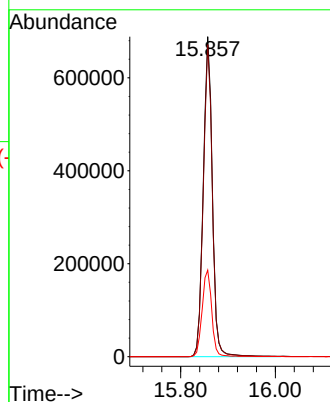
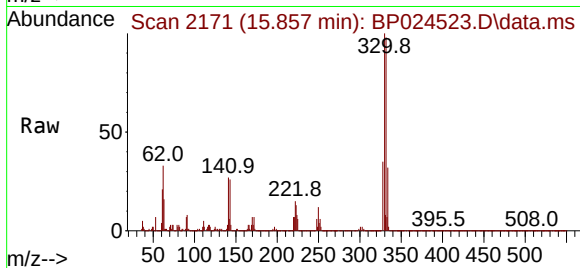
Tgt Ion:330 Resp: 919841

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

141 28.6 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 99.235 ng

RT: 12.951 min Scan# 1677

Delta R.T. -0.012 min

Lab File: BP024523.D

Acq: 05 May 2025 13:18

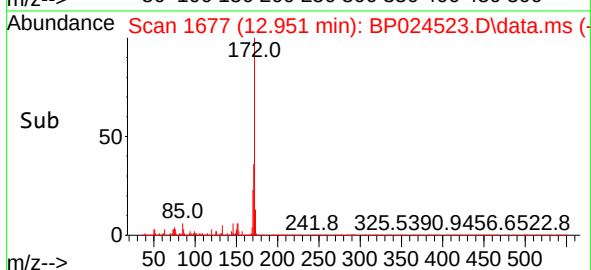
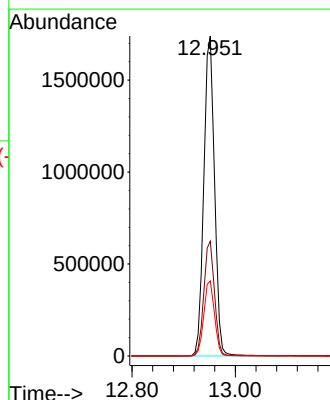
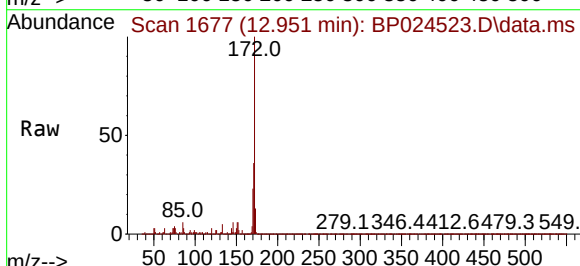
Tgt Ion:172 Resp: 2508320

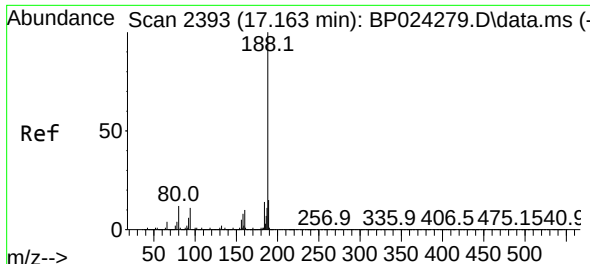
Ion Ratio Lower Upper

172 100

171 35.9 28.2 42.2

170 23.5 18.6 27.8

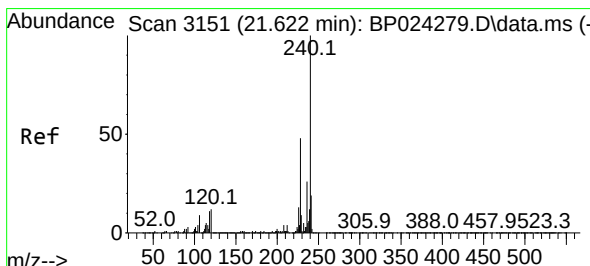
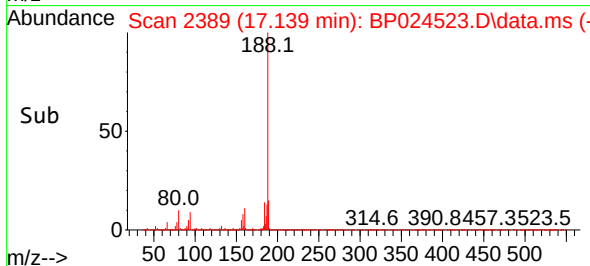
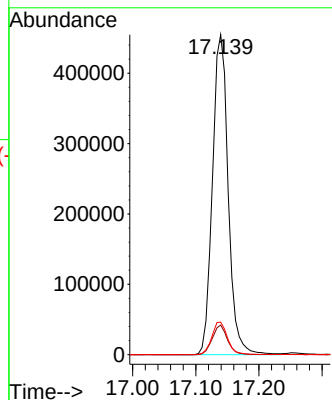
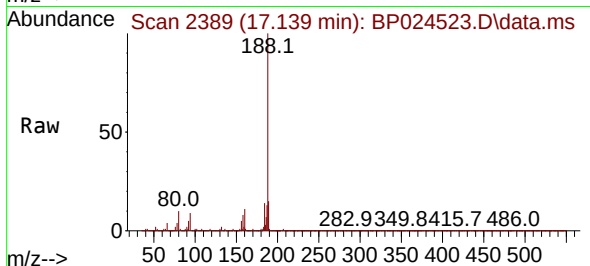




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP024523.D
Acq: 05 May 2025 13:18

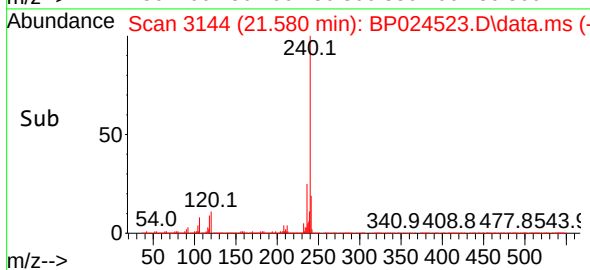
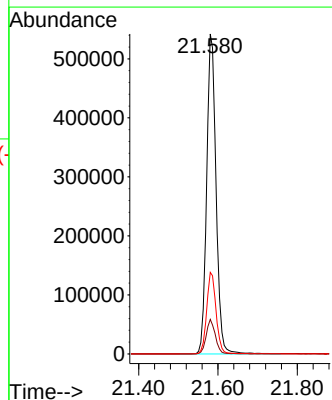
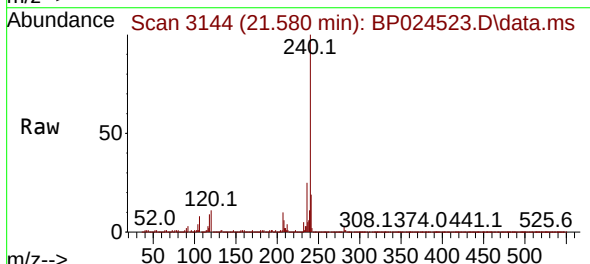
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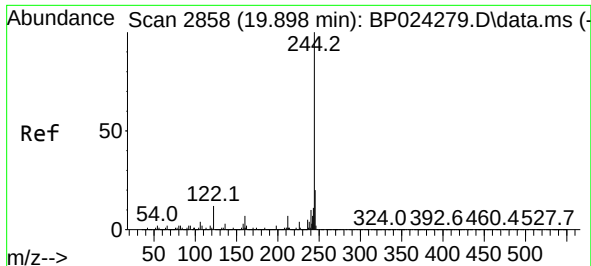
Tgt Ion:188 Resp: 786775
Ion Ratio Lower Upper
188 100
94 9.3 8.6 13.0
80 10.2 9.8 14.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BP024523.D
Acq: 05 May 2025 13:18

Tgt Ion:240 Resp: 892152
Ion Ratio Lower Upper
240 100
120 10.8 9.8 14.8
236 25.5 20.9 31.3

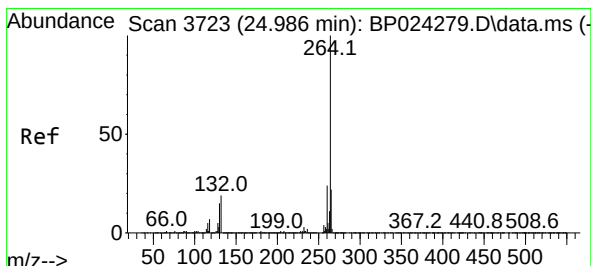
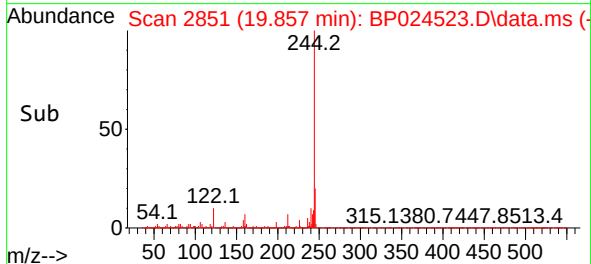
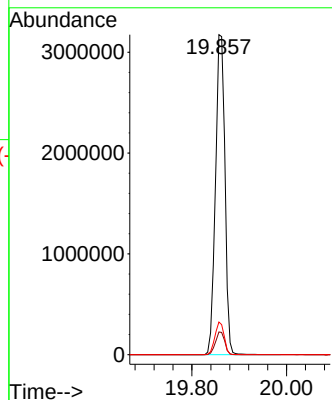
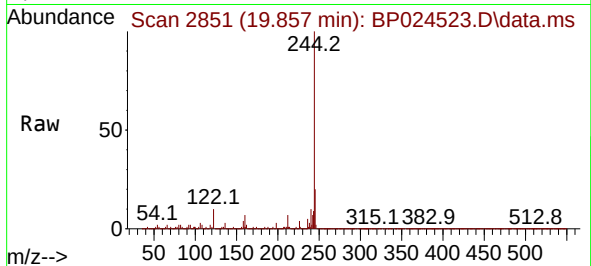




#79
 Terphenyl-d14
 Concen: 99.224 ng
 RT: 19.857 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BP024523.D
 Acq: 05 May 2025 13:18

Instrument :
 BNA_P
 ClientSampleId :
 PB167836BL

Tgt Ion:244 Resp: 4391825
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.2 9.4 14.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.921 min Scan# 3712
 Delta R.T. -0.012 min
 Lab File: BP024523.D
 Acq: 05 May 2025 13:18

Tgt Ion:264 Resp: 1026296
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.0 17.8 26.6

